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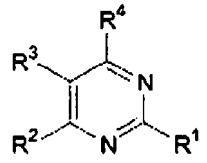
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1. (currently amended) A compound of structural formula I:



(I)

or a pharmaceutically acceptable salt thereof, wherein:

R^1 is selected from:

~~(1) C_{1-6}alkyl,~~

~~(2)~~ (1) -OC_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

~~(3)~~ (2) cycloalkyloxy-, unsubstituted or substituted with one to three R^c substituents,

~~(4)~~ (3) cycloalkyl-C_{1-4}alkyloxy-, unsubstituted or substituted with one to three R^c substituents,

~~(5)~~ (4) cycloheteroalkyloxy-, unsubstituted or substituted with one to three R^c substituents,

~~(6)~~ (5) cycloheteroalkyl-C_{1-4} alkyloxy, unsubstituted or substituted with one to three R^c substituents,

~~(7)~~ (6) phenyloxy, unsubstituted or substituted with one to three R^c substituents,

~~(8)~~ (7) heteroaryloxy, unsubstituted or substituted with one to three R^c substituents,

~~(9)~~ (8) phenyl-C_{1-4}alkyloxy, unsubstituted or substituted with one to three R^c substituents,

~~(10)~~ (9) heteroaryl-C_{1-4}alkyloxy, unsubstituted or substituted with one to three R^c substituents,

~~(11)~~ (10) -NR^aR^b,

~~(12)~~ (11) -$NR^bC(O)R^a$,

~~(13)~~ (12) -CO_2H,

~~(14)~~ (13) C_{1-6}alkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,

~~(15)~~ (14) cycloalkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,

~~(16)~~ (15) cycloalkyl-C_{1-4}alkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,

~~(17)~~ (16) phenyloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,

~~(18)~~ (17) heteroaryloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,

~~(19)~~ (18) phenyl-C_{1-4}alkyloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,

~~(20)~~ (19) heteroaryl-C_{1-4}alkyloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,

~~(21)~~ (20) -C(O)NR^aR^b,

~~(22)~~ (21) cyano,

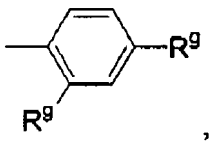
~~(23)~~ (22) $-SO_2C_{1-6}$alkyl, unsubstituted or substituted with one to three R^c substituents;

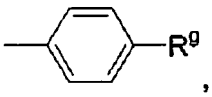
provided that R^1 is not $-NH_2$;

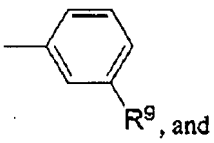
R^2 is selected from:

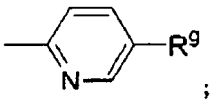
(1) hydrogen,
(2) C_{1-10}alkyl,
(3) -OR^a,
(4) -NR^aR^b,
(5) -$NR^aC(O)R^b$,
(6) -CO_2R^a,
(7) -C(O)NR^aR^b,
(8) cyano,
(9) -SR^a, and
(10) -SO_2R^a;

wherein R^3 and R^4 are each independently selected from:

(1)  ,

(2)  ,

(3)  , and

(4)  ;

each R^a is independently selected from:

(1) hydrogen,
(2) C_{1-10}alkyl,
(3) C_{2-10} alkenyl,
(4) cycloalkyl,
(5) cycloalkyl-C_{1-10}alkyl;
(6) cycloheteroalkyl,
(7) cycloheteroalkyl-C_{1-10} alkyl;
(8) aryl,
(9) heteroaryl,
(10) aryl-C_{1-10}alkyl, and
(11) heteroaryl-C_{1-10}alkyl; and

each R^b is independently selected from:

(1) hydrogen,
(2) C_{1-10}alkyl,
(3) C_{2-10} alkenyl,
(4) cycloalkyl,
(5) cycloalkyl-C_{1-10}alkyl;
(6) cycloheteroalkyl,
(7) cycloheteroalkyl-C_{1-10} alkyl;
(8) aryl,
(9) heteroaryl,
(10) aryl-C_{1-10}alkyl, and
(11) heteroaryl-C_{1-10}alkyl, or

R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^d,

each R^a and R^b may be unsubstituted or substituted with one to three substituents selected from R^c;

each R^c is independently selected from:

(1) C_{1-10}alkyl,
(2) -OR^d,
(3) -$NR^eS(O)_mR^d$,
(4) halogen,
(5) -SR^d,
(6) -$S(O)_mNR^dR^e$,
(7) -NR^dR^e,

(8) -C(O)R^d,
~~(9) $-CO_2R^d$,~~
~~(10)~~ (9) -CN,
~~(11)~~ (10) -C(O)NR^dR^e,
~~(12)~~ (11) -$NR^eC(O)R^d$,
~~(13)~~ (12) -$NR^eC(O)OR^d$,
~~(14)~~ (13) -$NR^eC(O)NR^dR^e$,
~~(15)~~ (14) $-CF_3$,
~~(16)~~ (15) $-OCF_3$,
~~(17)~~ (16) cycloheteroalkyl,
~~(18)~~ (17) aryl,
~~(19)~~ (18) arylC_{1-4}alkyl,
~~(20)~~ (19) heteroaryl, and
~~(21)~~ (20) heteroarylC_{1-4}alkyl;

R^d and R^e are independently selected from:

(1) hydrogen,
(2) C_{1-10}alkyl,
(3) C_{2-10} alkenyl,
(4) cycloalkyl,
(5) cycloalkyl-C_{1-10}alkyl;
(6) cycloheteroalkyl,
(7) cycloheteroalkyl-C_{1-10} alkyl;
(8) aryl,
(9) heteroaryl,
(10) aryl-C_{1-10}alkyl, and
(11) heteroaryl-C_{1-10}alkyl, or

R^d and R^e together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^f,

each R^d and R^e may be unsubstituted or substituted with one to three substituents selected from R^f;

R^f is independently selected from:

(1) halogen,
(2) C_{1-10}alkyl,
(3) -O-C_{1-4}alkyl,
(4) –S-C_{1-4}alkyl,
(5) -CN,

(6) -CF_3, and

(7) -OCF_3;

each Rg is independently selected from:

(1) halogen,

(2) C_{1-10}alkyl,

(3) -O-C_{1-4}alkyl,

(4) –S-C_{1-4}alkyl,

(5) -CN,

(6) -CF_3, and

(7) -OCF_3; and

m is selected from 1 and 2.

Claim 2. (canceled)

Claim 3. (canceled)

Claim 4. (previously presented) The compound according to Claim 1, wherein:

R^a and R^b are each selected from:

(1) hydrogen,

(2) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

(3) cycloalkyl, unsubstituted or substituted with one to three R^c substituents,

(4) cycloalkyl-C_{1-4}alkyl, unsubstituted or substituted with one to three R^c substituents,

(5) phenyl, unsubstituted or substituted with one to three R^c substituents,

(6) heteroaryl, unsubstituted or substituted with one to three R^c substituents,

(7) phenyl-C_{1-4}alkyl, unsubstituted or substituted with one to three R^c substituents, or

(8) heteroaryl-C_{1-4}alkyl, unsubstituted or substituted with one to three R^c substituents, or

when bonded to nitrogen, R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^d, unsubstituted or substituted on carbon with one to three R^c substitutents;

or a pharmaceutically acceptable salt thereof.

Claim 5. (currently amended) The compound according to Claim 4, wherein R^1 is selected from:

~~(1) C_{1-6}alkyl,~~

~~(2)~~ (1) -OC_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

~~(3)~~ (2) C_{4-7}cycloalkyloxy-, unsubstituted or substituted with one to two R^c substituents,

~~(4)~~ (3) cycloalkyl-C_{1-3}alkyloxy-, unsubstituted or substituted with one to two R^c substituents,

~~(5)~~ (4) phenyloxy, unsubstituted or substituted with one to two R^c substituents,

~~(6)~~ (5) pyridyloxy, unsubstituted or substituted with one to two R^c substituents,

~~(7)~~ (6) phenyl-C_{1-3}alkyloxy, unsubstituted or substituted with one to two R^c substituents,

~~(8)~~ (7) pyridyl-C_{1-3}alkyloxy, unsubstituted or substituted with one to two R^c substituents,

~~(9)~~ (8) $-NR^aR^b$, wherein:

R^a is selected from:

(a) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

(b) cycloalkyl, unsubstituted or substituted with one to two R^c substituents,

(c) cycloalkyl-C_{1-4}alkyl, unsubstituted or substituted with one to two R^c substituents,

(d) phenyl, unsubstituted or substituted with one to two R^c substituents,

(e) heteroaryl, unsubstituted or substituted with one to two R^c substituents,

(f) benzyl, unsubstituted or substituted with one to two R^c substituents,

R^b is selected from:

(a) hydrogen,

(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents, or

R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^d, unsubstituted or substituted on carbon with one to two R^c substituents,

~~(10)~~ (9) $-NR^bC(O)R^a$, wherein:

R^a is selected from:

(a) hydrogen,

(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

(c) cycloalkyl, unsubstituted or substituted with one to two R^c substituents,

(d) cycloalkyl-C_{1-4}alkyl, unsubstituted or substituted with one to two R^c substituents,

(e) phenyl, unsubstituted or substituted with one to two R^c substituents,

(f) pyridyl, unsubstituted or substituted with one to three R^c substituents,

(g) benzyl, unsubstituted or substituted with one to two R^c substituents,

(h) pyridylmethyl-, unsubstituted or substituted with one to three R^c substituents,

R^b is selected from:

(a) hydrogen,

(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

(11) $-CO_2H$,

(12) C_{1-6}alkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,

(13) $-C(O)NR^aR^b$, wherein:

R^a is selected from:

(a) hydrogen,

(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

R^b is selected from:

(a) hydrogen, and

(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

(14) cyano,

(15) $-SC_{1-6}$alkyl, unsubstituted or substituted with one to three R^c substituents, and

(16) $-SO_2C_{1-6}$alkyl, unsubstituted or substituted with one to three R^c substituents;

each R^c is independently selected from:

(1) C_{1-3}alkyl,

(2) hydroxy,

(3) $-OC_{1-3}$alkyl ,

(4) halogen,

(5) $-SCH_3$,

(6) –SH,

(7) $-NR^dR^e$,

(8) $-C(O)C_{1-3}$alkyl,

~~(9) $-CO_2C_{1-3}$alkyl,~~

~~(10) $-CO_2H$,~~

~~(11)~~ (9) -CN,

~~(12)~~ (10) $-CF_3$,

~~(13)~~ (11) $-OCF_3$,

~~(14)~~ (12) cycloheteroalkyl,

~~(15)~~ (13) phenyl,

~~(16)~~ (14) benzyl, and

~~(17)~~ (15) pyridyl;

or a pharmaceutically acceptable ~~salts~~ salt thereof.

Claim 6. (previously presented) The compound according to Claim 4, wherein R^2 is selected from:

(1) hydrogen,

(2) C_{1-6}alkyl,
(3) –OH,
(4) -OC_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,
(5) cycloalkyloxy-, unsubstituted or substituted with one to three R^c substituents,
(6) cycloalkyl-C_{1-4}alkyloxy-, unsubstituted or substituted with one to three R^c substituents,
(7) cycloheteroalkyloxy-, unsubstituted or substituted with one to three R^c substituents,
(8) cycloheteroalkyl-C_{1-4} alkyloxy, unsubstituted or substituted with one to three R^c substituents,
(9) phenyloxy, unsubstituted or substituted with one to three R^c substituents,
(10) heteroaryloxy, unsubstituted or substituted with one to three R^c substituents,
(11) phenyl-C_{1-4}alkyloxy, unsubstituted or substituted with one to three R^c substituents,
(12) heteroaryl-C_{1-4}alkyloxy, unsubstituted or substituted with one to three R^c substituents,
(13) -NR^aR^b,
(14) -$NR^bC(O)R^a$,
(15) -CO_2H,
(16) C_{1-6}alkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,
(17) cycloalkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,
(18) cycloalkyl-C_{1-4}alkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,
(19) phenyloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,
(20) heteroaryloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,
(21) phenyl-C_{1-4}alkyloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,
(22) heteroaryl-C_{1-4}alkyloxycarbonyl, unsubstituted or substituted with one to three R^c substituents,
(23) -$C(O)NR^aR^b$,
(24) cyano,
(25) –SC_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents, and
(26) –SO_2C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,

or a pharmaceutically acceptable salt thereof.

Claim 7. (previously presented) The compound according to Claim 1, wherein:

R^2 is selected from:

(1) hydrogen,
(2) C_{1-6}alkyl,
(3) -OH,
(4) -OC_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,
(5) C_{4-7}cycloalkyloxy-, unsubstituted or substituted with one to two R^c substituents,
(6) C_{4-7}cycloalkyl-C_{1-3}alkyloxy-, unsubstituted or substituted with one to two R^c substituents,
(7) phenyloxy, unsubstituted or substituted with one to two R^c substituents,
(8) pyridyloxy, unsubstituted or substituted with one to two R^c substituents,
(9) phenyl-C_{1-3}alkyloxy, unsubstituted or substituted with one to two R^c substituents,
(10) pyridyl-C_{1-3}alkyloxy, unsubstituted or substituted with one to two R^c substituents,
(11) -NR^aR^b, wherein:

R^a is selected from:

(a) hydrogen,
(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,
(c) cycloalkyl, unsubstituted or substituted with one to two R^c substituents,
(d) cycloalkyl-C_{1-4}alkyl, unsubstituted or substituted with one to two R^c substituents,
(e) phenyl, unsubstituted or substituted with one to two R^c substituents,
(f) heteroaryl, unsubstituted or substituted with one to two R^c substituents,
(g) benzyl, unsubstituted or substituted with one to two R^c substituents,

R^b is selected from:

(a) hydrogen,
(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents, or

R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members, unsubstituted or substituted on carbon with one to two R^c substitutents,

(12) -NHC(O)R^a, wherein:

R^a is selected from:

(a) hydrogen,
(b) C_{1-6}alkyl, unsubstituted or substituted with one to three R^c substituents,
(c) cycloalkyl, unsubstituted or substituted with one to two R^c substituents,
(d) cycloalkyl-C_{1-4}alkyl, unsubstituted or substituted with one to two R^c substituents,
(e) phenyl, unsubstituted or substituted with one to two R^c substituents,
(f) pyridyl, unsubstituted or substituted with one to three R^c substituents,

(g) benzyl, unsubstituted or substituted with one to two R^c substituents,

(h) pyridylmethyl-, unsubstituted or substituted with one to three R^c substituents,

(13) cyano, and

(14) $-SO_2C_{1-6}$alkyl, unsubstituted or substituted with one to three R^c substituents;

or a pharmaceutically acceptable salt thereof.

Claim 8. (currently amended) The compound according to Claim 1, wherein:

R^1 is selected from:

~~(1) methyl, ethyl, propyl, isopropyl, n-butyl, sec-butyl, isobutyl, tert. butyl, n-pentyl, or 2,2-dimethylpropyloxy,~~

~~(2)~~ (1) methoxy, ethyloxy, isopropyloxy, n-butyloxy, sec-butyloxy, isobutyloxy, tert.-butyloxy, n-pentyloxy, or 2,2-dimethylpropyloxy, unsubstituted or substituted with one to three halo, hydroxy, or methoxy substituents,

~~(3)~~ (2) cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, or cycloheptyloxy,

~~(4)~~ (3) cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, cyclohexylmethoxy, or cycloheptylmethoxy,

~~(5)~~ (4) 4-fluorophenyloxy, 4-chlorophenyloxy, 4-methoxyphenyloxy, 3-fluorophenyloxy, 3-chlorophenyloxy, 3,4-difluorophenyloxy, 3,4-dichlorophenyloxy, 3,5-difluorophenyloxy, 3,5-dichlorophenyloxy or phenyloxy,

~~(6)~~ (5) 4-pyridyloxy, 3-pyridyloxy, 2-pyridyloxy, 6-chloro-3-pyridyloxy, or 5-chloro-3-pyridyloxy,

~~(7)~~ (6) benzyloxy, 3-fluorobenzyloxy, 3-chlorobenzyloxy, 4-fluorobenzyloxy, 4-chlorobenzyloxy, 3,4-difluorobenzyloxy, 3,4-dichlorobenzyloxy, 3,5-difluorobenzyloxy, 3,5-dichlorobenzyloxy, 2,4-fluorobenzyloxy, 2,4-dichlorobenzyloxy, alpha-methyl-4-fluorobenzyloxy, alpha-methyl-4-chlorobenzyloxy, alpha,alpha-dimethyl-4-fluorobenzyloxy, or alpha,alpha-dimethyl-4-chlorobenzyloxy,

~~(8)~~ (7) 2-pyridylmethyloxy 3,-pyridylmethyloxy, or 4-pyridylmethyloxy,

~~(9)~~ (8) N-methylamino, N,N-dimethyamino, N,N-diisopropylamino, or $-N(CH_3)CH_2CH_2N(CH_3)_2$, or N-containing heterocycloalkyl bonded via nitrogen selected from: morpholinyl, thiomorpholinyl, pyrrolidinyl, piperidinyl, and [2.2.1]azabicycloheptyl,

~~(10)~~ (9) $-NHCOR^a$ wherein R^a is selected from:

(a) hydrogen,

(b) C_{1-4}alkyl,

(c) C_{4-6}cycloalkyl, and

(d) phenyl, 4-fluorophenyl, 4-chlorophenyl, 3,4-difluorophenyl, or 3,4-dichlorophenyl,

~~(11)~~ (10) $-CO_2H$,

~~(12)~~ (11) $-C(O)NH_2$,

~~(13)~~ (12) -CN, and

~~(14)~~ (13) $-SO_2CH_3$;

R^2 is selected from:

(1) hydrogen,

(2) methyl, ethyl, propyl, isopropyl, n-butyl, sec-butyl, isobutyl, tert.-butyl, n-pentyl, or 2,2-dimethylpropyloxy,

(3) –OH,

(4) methoxy, ethyloxy, isopropyloxy, n-butyloxy, sec-butyloxy, isobutyloxy, tert.-butyloxy, n-pentyloxy, or 2,2-dimethylpropyloxy, unsubstituted or substituted with one to three halo, hydroxy, or methoxy substituents,

(5) cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, or cycloheptyloxy,

(6) cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, cyclohexylmethoxy, or cycloheptylmethoxy,

(7) 4-fluorophenyloxy, 4-chlorophenyloxy, 3-fluorophenyloxy, 3-chlorophenyloxy, 3-cyanophenyloxy, 3,4-difluorophenyloxy, 3,4-dichlorophenyloxy, 3,5-difluorophenyloxy, 3,5-dichlorophenyloxy, or phenyloxy,

(8) benzyloxy, 3-fluorobenzyloxy, 3-chlorobenzyloxy, 4-fluorobenzyloxy, 4-chlorobenzyloxy, 3,4-difluorobenzyloxy, 3,4-dichlorobenzyloxy, 3,5-difluorobenzyloxy, 3,5-dichlorobenzyloxy, 2,4-fluorobenzyloxy, or 2,4-dichlorobenzyloxy,

(9) 4-pyridyloxy, 3-pyridyloxy, 2-pyridyloxy, 6-chloro-3-pyridyloxy, or 5-chloro-3-pyridyloxy,

(10) amino, N-methylamino, N-ethylamino, N,N-dimethyamino, N,N-diethylamino,N,N-diisopropylamino, or N-containing heterocycloalkyl bonded via nitrogen selected from: pyrrolidinyl, and piperidinyl,

(11) $-NHCOR^a$ wherein R^a is selected from:

(a) hydrogen, and

(b) C_{1-4}alkyl,

(12) -CN, and

(13) $-SO_2CH_3$;

R^3 and R^4 are each independently selected from:

(1) 4-chlorophenyl,

(2) 4-methoxyphenyl,

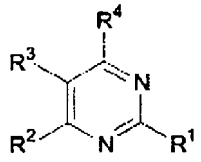
(3) 4-fluorophenyl,
(4) 4-trifluoromethylphenyl,
(5) 3-chlorophenyl,
(6) 3-methoxyphenyl,
(7) 2,4-dichlorophenyl, and
(8) 2-chloro-4-methylthiophenyl;

or a pharmaceutically acceptable salt thereof.

Claim 9. (previously presented) The compound according to Claim 8, wherein: R^3 is 4-chlorophenyl and R^4 is 2,4-dichlorophenyl, or a pharmaceutically acceptable salt thereof.

Claim 10 (canceled)

Claim 11. (previously presented) A method of treating a disease mediated by the Cannabinoid-1 receptor selected from: substance abuse disorders and eating disorders associated with excessive food intake, comprising administration to a patient in need of such treatment of a therapeutically effective amount of a compound of structural formula I:



(I)

or a pharmaceutically acceptable salt thereof, wherein:

R^1 is selected from:

(1) C_{1-10}alkyl,
(2) $-OR^a$,
(3) $-NR^aR^b$,
(4) $-NR^bC(O)R^a$,
(5) $-CO_2R^a$,
(6) $-C(O)NR^aR^b$,
(7) cyano, and
(8) $-SO_2R^b$,

provided that R^1 is not $-NH_2$;

R^2 is selected from:

(1) hydrogen,

(2) C_{1-10}alkyl,

(3) $-OR^a$,

(4) $-NR^aR^b$,

(5) $-NR^aC(O)R^b$,

(6) $-CO_2R^a$,

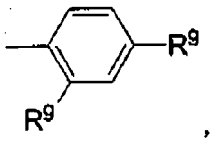
(7) $-C(O)NR^aR^b$,

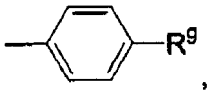
(8) cyano,

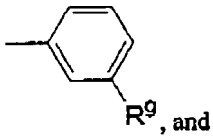
(9) $-SR^a$, and

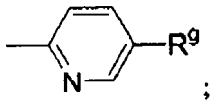
(10) $-SO_2R^a$;

wherein R^3 and R^4 are each independently selected from:

(1)  ,

(2)  ,

(3)  , and

(4)  ;

each R^a is independently selected from:

(1) hydrogen,

(2) C_{1-10}alkyl,

(3) C_{2-10} alkenyl,

(4) cycloalkyl,

(5) cycloalkyl-C_{1-10}alkyl;

(6) cycloheteroalkyl,

(7) cycloheteroalkyl-C_{1-10} alkyl;

(8) aryl,

(9) heteroaryl,

(10) aryl-C_{1-10}alkyl, and

(11) heteroaryl-C_{1-10}alkyl; and

each R^b is independently selected from:

(1) hydrogen,
(2) C_{1-10}alkyl,
(3) C_{2-10} alkenyl,
(4) cycloalkyl,
(5) cycloalkyl-C_{1-10}alkyl;
(6) cycloheteroalkyl,
(7) cycloheteroalkyl-C_{1-10} alkyl;
(8) aryl,
(9) heteroaryl,
(10) aryl-C_{1-10}alkyl, and
(11) heteroaryl-C_{1-10}alkyl, or

R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^d,

each R^a and R^b may be unsubstituted or substituted with one to three substituents selected from R^c;

each R^c is independently selected from:

(1) C_{1-10}alkyl,
(2) -OR^d,
(3) -$NR^eS(O)_mR^d$,
(4) halogen,
(5) -SR^d,
(6) -$S(O)_mNR^dR^e$,
(7) -NR^dR^e,
(8) -$C(O)R^d$,
(9) -CO_2R^d,
(10) -CN,
(11) -$C(O)NR^dR^e$,
(12) -$NR^eC(O)R^d$,
(13) -$NR^eC(O)OR^de$,
(14) -$NR^eC(O)NR^dR^e$,
(15) -CF_3,
(16) -OCF_3,
(17) cycloheteroalkyl,
(18) aryl,

(19) arylC_{1-4}alkyl,

(20) heteroaryl, and

(21) heteroarylC_{1-4}alkyl;

R^d and R^e are independently selected from:

(1) hydrogen,

(2) C_{1-10}alkyl,

(3) C_{2-10} alkenyl,

(4) cycloalkyl,

(5) cycloalkyl-C_{1-10}alkyl;

(6) cycloheteroalkyl,

(7) cycloheteroalkyl-C_{1-10} alkyl;

(8) aryl,

(9) heteroaryl,

(10) aryl-C_{1-10}alkyl, and

(11) heteroaryl-C_{1-10}alkyl, or

R^d and R^e together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^f,

each R^d and R^e may be unsubstituted or substituted with one to three substituents selected from R^f;

R^f is independently selected from:

(1) halogen,

(2) C_{1-10}alkyl,

(3) -O-C_{1-4}alkyl,

(4) –S-C_{1-4}alkyl,

(5) -CN,

(6) -CF_3, and

(7) -OCF_3;

each Rg is independently selected from:

(1) halogen,

(2) C_{1-10}alkyl,

(3) -O-C_{1-4}alkyl,

(4) –S-C_{1-4}alkyl,

(5) -CN,

(6) -CF_3, and

(7) -OCF_3; and

m is selected from 1 and 2.

Claim 12. (canceled)

Claim 13. (previously presented) The method according to Claim 11 wherein the disease mediated by the Cannabinoid-1 receptor is an eating disorder associated with excessive food intake.

Claim 14. (previously presented) The method according to Claim 13 wherein the eating disorder associated with excessive food intake is selected from obesity, bulimia nervosa, and compulsive eating disorders.

Claim 15. (original) The method according to Claim 14 wherein the eating disorder associated with excessive food intake is obesity.

Claim 16. (canceled)

Claim 17. (original) A composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.

Claims 18-24 (canceled)

Claim 25. (previously presented) The method according to Claim 11 for treating substance abuse disorders, wherein the abused substance is nicotine in a person dependent on nicotine.

Claim 26. (previously presented) The compound according to Claim 1, selected from:

(1) 2-(4-fluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(2) 2-(4-fluorobenzyloxy)-4-(2-chloro-4-methylthiophenyl)-5-(4-chlorophenyl)-pyrimidine;
(3) 2-(3,4-difluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(4) 2-(3,4-difluorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;
(5) 2-(4-chlorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(6) 2-(4-chlorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;
(7) 2-(3,4-dichlorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(8) 2-(3,4-dichlorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;
(9) 2-(3-fluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(10) 2-(3-fluorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;

(11) 2-(3-chlorobenzylamino)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)-pyrimidine;

(12) 2-(*N,N*-dimethylamino)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(13) 2-carboxy-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(14) 2-methoxy-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(15) 2-(3,4-difluorobenzyloxy)-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(16) 2-(3,4-difluorobenyloxy)-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(17) 2,4-bis-(3,4-difluorobenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(18) 2,4-dimethoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(19) 2,4-diethoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(20) 2,4-diisopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(21) 2-methylsulfonyl-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(22) 2,4-bis(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(23) 2-cyano-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(24) 2-(3,4-difluorobenzyloxy)-4-cyano-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(25) 2-cyano-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(26) 2,4-bis(cyano)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(27) 2-(3,4-difluorophenoxy)-4-methyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(28) 2-ethyl-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(29) 2-isopropy-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(30) 2-(3,4-difluorobenzyloxy)-4-methyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(31) 2-(3,4-difluorobenzyloxy)-4-ethyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(32) 2-(3,4-difluorobenzyloxy)-4-(*N*-methylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(33) 2-(3,4-difluorophenoxy)-4-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(34) 2-(3,4-difluorobenzyloxy)-4-(amino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(35) 2-(3,4-difluorophenoxy)-4-(acetylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(36) 2-(3,4-difluorobenzyloxy)-4-(acetylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(37) 2-(3,4-difluorophenoxy)-4-(*N*-pyrrolidinyl)-5-[4-chlorophenyl]-6-[2,4-dichlorophenyl] pyrimidine;

(38) 2-(cyclopropylmethoxy)-4-(*N*-pyrrolidinyl)-5-[4-chlorophenyl]-6-[2,4-dichlorophenyl] pyrimidine;

(39) 2-(*N,N*-diethylamino)-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(40) 2-(*N,N*-diisopropylamino)-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(41) 2-(*N*-pyrrolidinyl)-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(42) 2-(*N*-piperidyl)-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(43) 2-(*N*-morpholinyl)-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(44) 2-(7-*N*-[2.2.1]-azabicycloheptyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(45) 2-(n-propionyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(46) 2-(*N*-(2-methyl)propionyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(47) 2-(*N*-(3-methyl)butyryl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(48) 2-(aminocarbonyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(49) 2-(carboxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(50) 2-(2-hydroxyethyleneoxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(51) 2-(2-methoxyethyleneoxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(52) 2-(cyclohexylmethyloxy)-4-isopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(53) 2-cyclohexyloxy-4-isopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(54) 2-(3,4-difluorophenoxy)-4-cyclohexyloxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(55) 2-(3,4-difluorobenzyloxy)-4-cyclohexyloxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(56) 2,4-bis(cyclopropylmethyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(57) 2-cyclopropyloxy-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(58) 2-(*N*-pyrrolidinyl)-4-cyclopropyloxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(59) 2,4-bis(isopropyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(60) 2-(3,4-difluorobenzyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;

(61) 2-(4-chlorobenzyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;

(62) 2-(3-fluorobenzyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;

(63) 2-(3-chlorobenzyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;

(64) 2-(4-fluorobenzyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;

(65) 2-(α-methyl-4-fluorobenzyloxy-)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;

(66) 2-(α-methyl-4-fluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(67) 2-(3-pyridylmethoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(68) 2-(n-butyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(69) 2-(2,4-dichlorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(70) 2-(cyclohexylmethoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(71) 2-(3,5-dichlorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(72) 2-(6-chloro-3-pyridylmethoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(73) 2-(α,α-dimethyl-4-fluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(74) 2-(4-fluorophenyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(75) 2-(3-fluorophenyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(76) 2-(3,4-difluorophenyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(77) 2-(3-chlorophenyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(78) 2-(4-methoxyphenyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(79) 2-(3-pyridyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(80) 2-(5-chloro-3-pyridyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(81) 2-(*N*-(4-fluorobenzamido))-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(82) 2-(*N*-(cyclohexylcarboxamido))-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

(83) 2,4-bis(cyclobutylmethoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(84) 2-cyclobutylmethoxy-4-(6-fluoro-3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(85) 2-cyclobutylmethoxy-4-(5-chloro-3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(86) 2-methylsulfonyl-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(87) 2-cyclobutylmethoxy-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(88) 2-(2,2-dimethylpropyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(89) 2-(2-t-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(90) 2-(2-cyclobutyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(91) 2-(n-propyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(92) 2-(n-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(93) 2-(sec-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(94) 2-(iso-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(95) 2-(isopropyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(96) 2-(n-pentyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(97) 2-cyclopropyloxy-4-(4-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(98) 2,4-bis-(4-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(99) 2-(isobutyloxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(100) 2-(cyclopropylmethoxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(101) 2-(isopropyloxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(102) 2-ethoxy-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(103) 2-(*N*-pyrrolidinyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(104) 2-(*N,N',N'*-trimethyl-ethylenediamino)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(105) 2-(*N*-piperidinyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(106) 2-(*N*-morpholinyl)-ethylenediamino-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(107) 2-dimethylamino-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl) pyrimidine;

(108) 2-(*N*-pyrrolidinyl)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(109) 2-methylsulfonyl-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(110) 2-(2-isopropyloxy)-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(111) 2-(2-*N,N',N'*-trimethyl-ethylenediamino)-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(112) 2-(2-pyrrolidinyl)-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(113) 2-(methylsulfonyl)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(114) 2-methoxy-4-(methylsulfonyl)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(115) 2-(3,4-difluorophenyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(116) 2-methoxy-4-(3,4-difluorophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(117) 2-(3-fluorophenyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(118) 2-methoxy-4-(3-fluorophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(119) 2-methoxy-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(120) 2-(2-pyridyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(121) 2-(5-chloro-3-pyridyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

(122) 2-methoxy-4-(5-chloro-3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;